

ABSTRACT OF THE DISCLOSURE

A seal with integrated sealing and rotation measuring capabilities includes a first slinger having an L-shaped cross section and is adapted to be fixed to a rotational bearing element of a bearing assembly, the first slinger including a first cylindrical portion extending axially and a first flanged portion extending radially from the first cylindrical portion. A seal ring is arranged axially inward from the first slinger and is adapted to be secured to a non-rotational bearing element, and the seal ring has elastic seal lips having respective tips adapted to make sliding contact with the side of the first slinger facing the seal ring. A second slinger has an L-shaped cross section arranged axially inward from the said seal ring and is adapted to be fixed to the rotational bearing element. The second slinger includes a second cylindrical portion extending axially and a second flanged portion extending radially from the second cylindrical portion.